ABB BALDOR RELIANCE

Customer information packet

14P024X168H2

40HP, 1180RPM, 3PH, 60HZ, 365T, 1462M, XPFC, F1
Class -
Division - Not Applicable

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Specifications

Frame	365T
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Division	Not Applicable
Output @ Frequency	40.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	UL
	CSA
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	49.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	93.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None
Haz Area Temp Code	T4
Heater Indicator	Heater Included, Special
High Voltage Full Load Amps	49.0 a
Insulation Class	B
Inverter Code	Not Inverter
KVA Code	G
Lifting Lugs	Standard Lifting Lugs

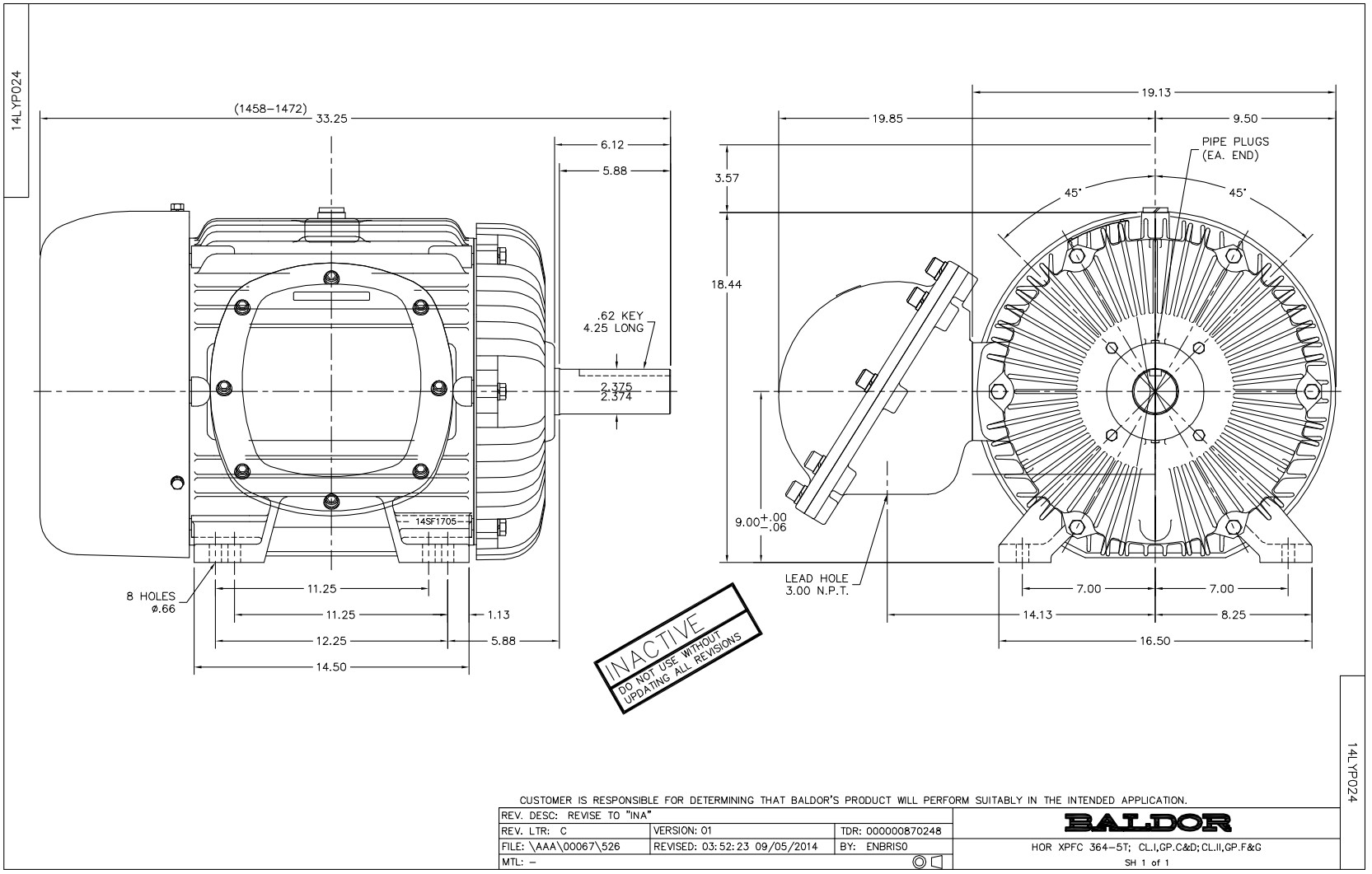
Part Detail

Revision	E
Type	AC
Mech. spec.	14P024
Base	
Status	NLA/A
Elec. spec.	14WGX168
Layout	14LYP024
Eff. date	12-01-2010
CD Diagram	CD0006
Poles	06
Leads	3#6
Proprietary	False
Created date	01-01-0001

Locked Bearing Indicator	Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	3 @ 6 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	1462M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	33.25 IN
Power Factor	82
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.00
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1180 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	Normally Closed Thermostat
Vibration Sensor Indicator	No Vibration Sensor

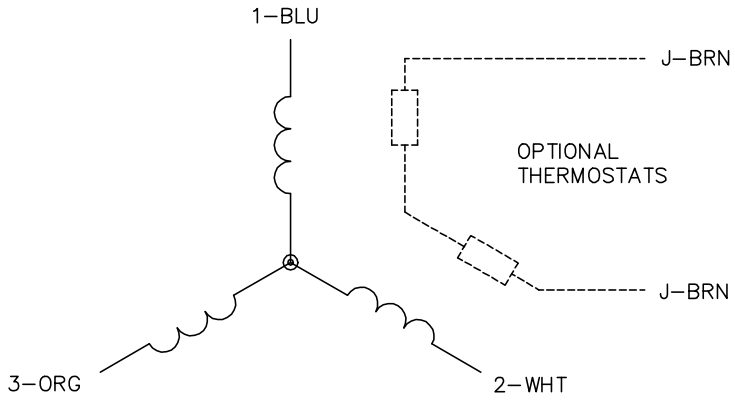
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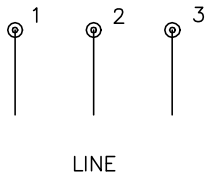
NP0978XP												
NO.						**TEMP CODE**	T4					
SPEC.	14P024X168H2					**DE BRG**	6313					
CAT.NO.						**ODE BRG**	6312					
HP	40			**GREASE**	POLYREX EM							
VOLTS	460					**MOTOR WEIGHT**	992					
AMPS	49					**NEMA-NOM-EFF**	93					
RPM	1180					**FL PF**	82					
CYCLE	60	**PH**	3	**CL**	B	**FRAME**	365T					
SER.F.	1.00	**DES**	B	**CODE**	G	**CC**						
SER.						**BLANK**						
RATING	40C AMB-CONT											


14LYP024
(1458–1472)
33.25
6.12
5.88
.62 KEY
4.25 LONG
2.375
2.374
14SF1705
8 HOLES
ø.66
11.25
11.25
1.13
12.25
5.88
14.50
19.13
19.85
9.50
PIPE PLUGS
(EA. END)
3.57
45°
45°
18.44
9.00 +.00 −.06
LEAD HOLE
3.00 N.P.T.
7.00
7.00
14.13
8.25
16.50
INACTIVE
DO NOT USE WITHOUT UPDATING ALL REVISIONS
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.
REV. DESC: REVISE TO "INA"
REV. LTR: C
VERSION: 01
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BY: ENBRISO
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BALDOR
HOR XPFC 364–5T; CL.I,GP.C&D; CL.II,GP.F&G
SH 1 of 1
14LYP024

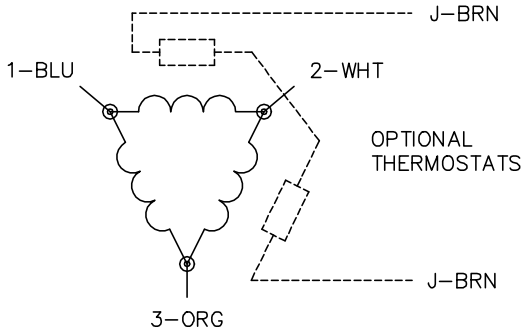
CD0006

TYPICAL WYE–CONNECTED MOTOR





TYPICAL DELTA–CONNECTED MOTOR



NOTES:

1. THREE LEAD MOTOR MAY BE EITHER WYE CONNECTED OR DELTA CONNECTED.
2. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
3. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
4. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
5. LEAD COLORS ARE OPTIONAL. LEADS MUST BE NUMBERED AS SHOWN.

CD0006

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BALDOR - RELIANCE®

3PH, SV, 3 LEADS, WYE OR DELTA CONNECTED

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